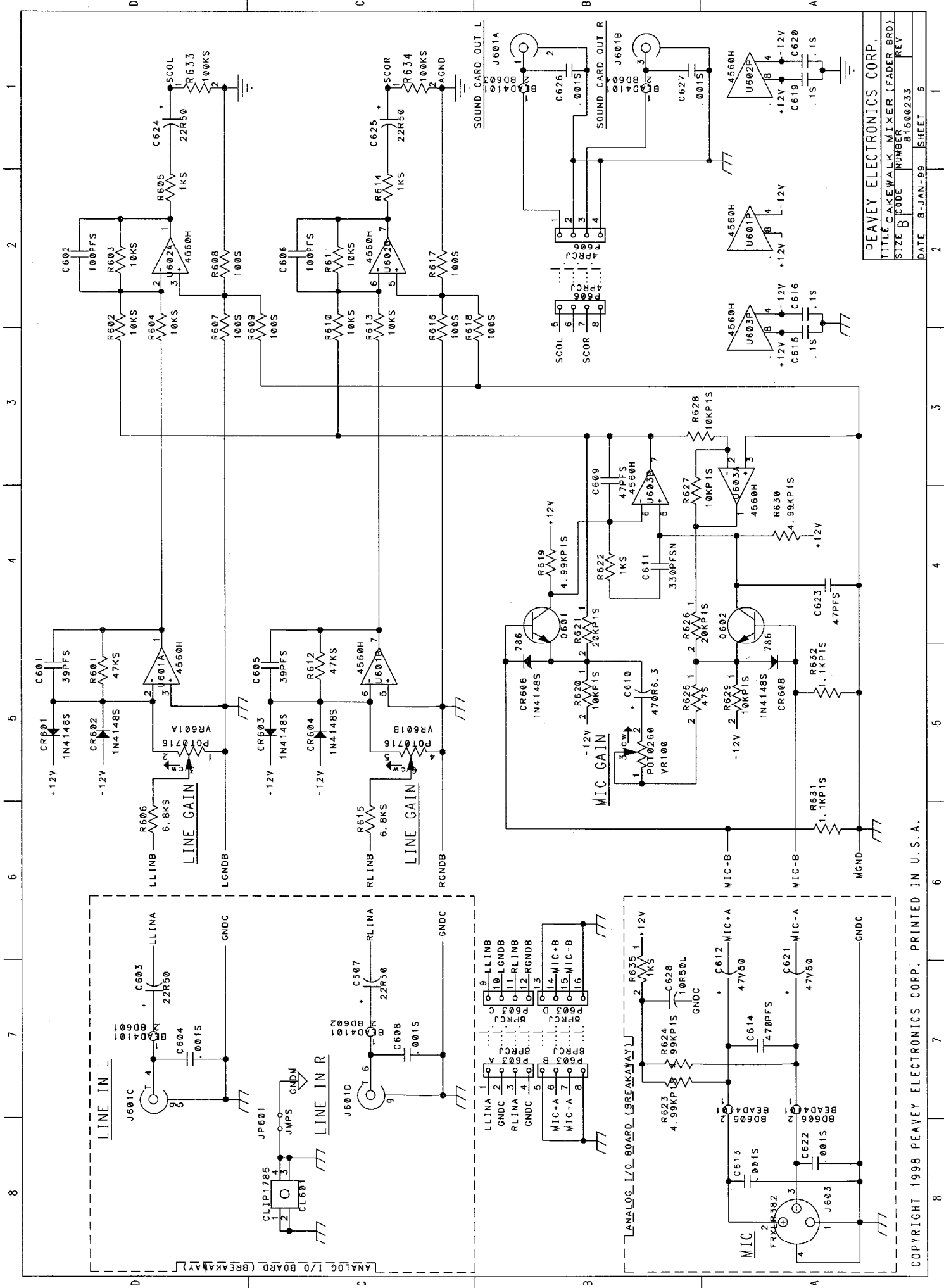
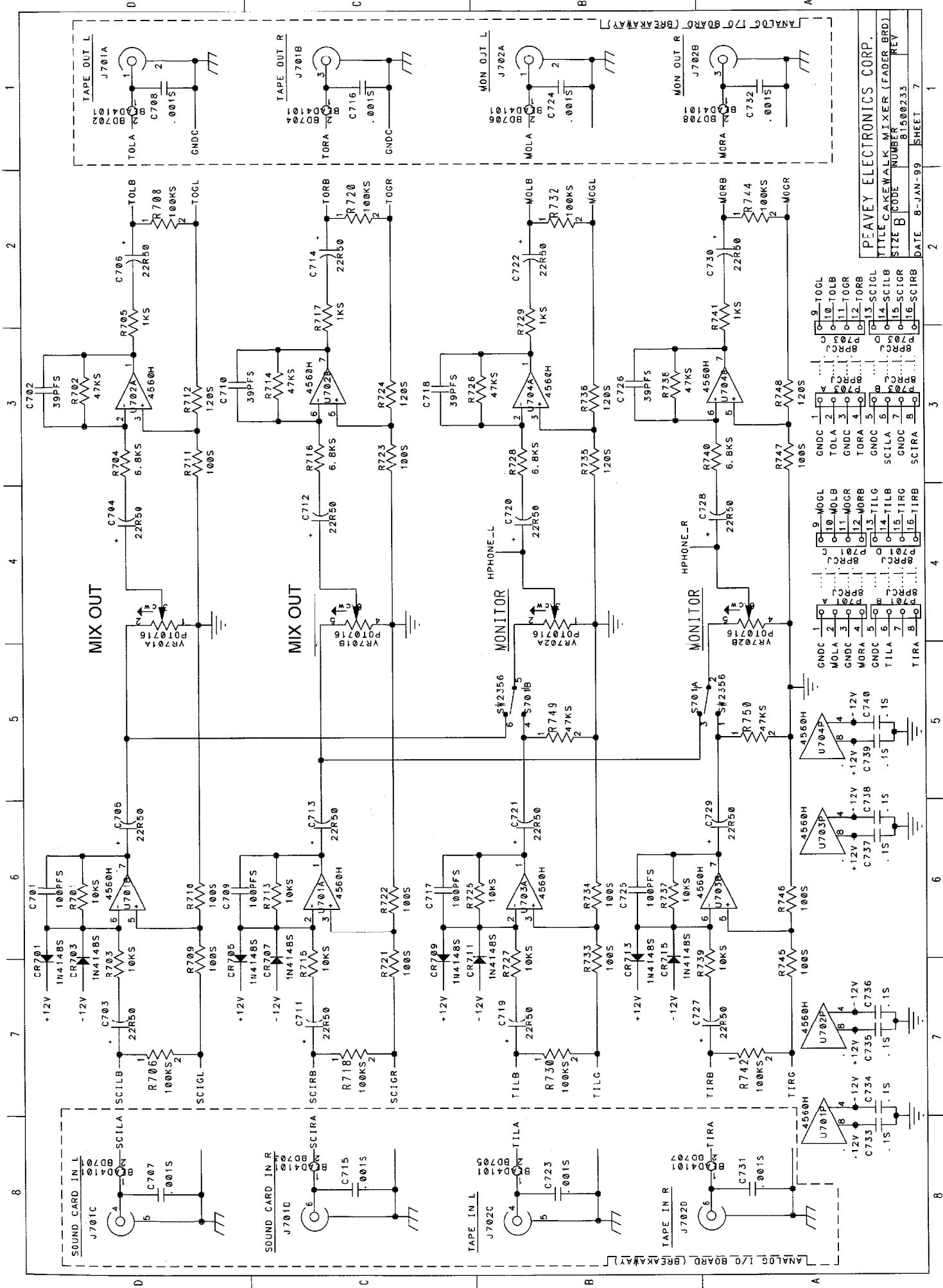


| | |
|----------------------------------|-----------------|
| PEAVEY ELECTRONICS CORP. | |
| TITLE CAKEWALK MIXER (FADER BRD) | |
| SIZE B | NUMBER 51500233 |
| DATE 8-JAN-99 | SHEET 5 |





PEAVEY ELECTRONICS CORP.
TITLE CAKEWALK MIXER (FADER BRD)
SIZE B CODE NUMBER 81500233 REV
DATE 8-JAN-99 SHEET 7

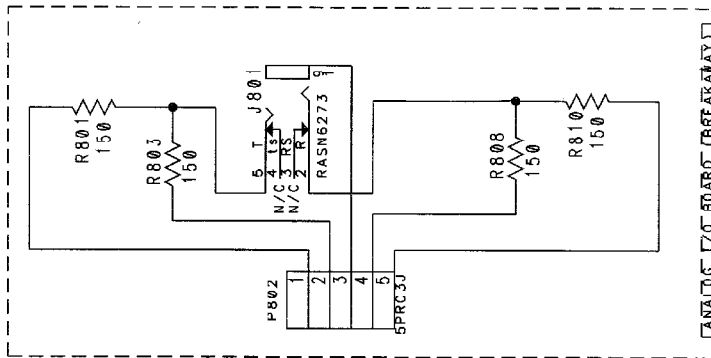
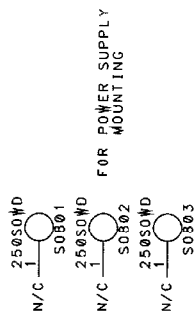
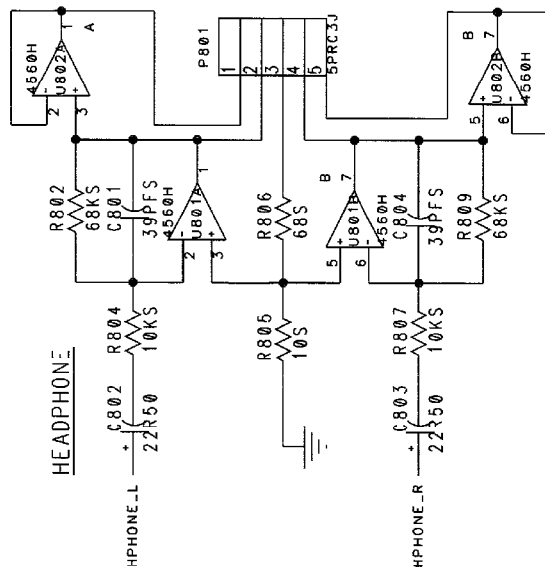
D

C

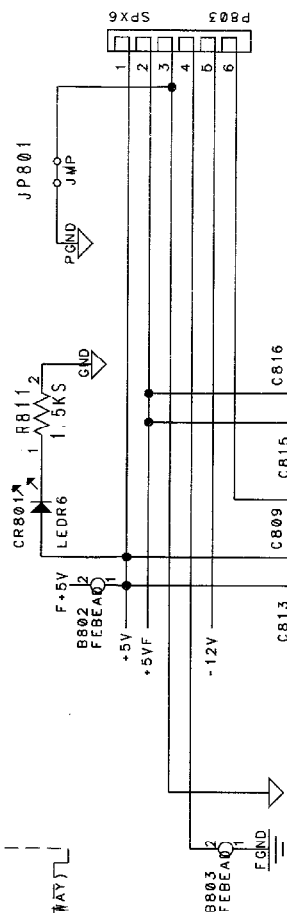
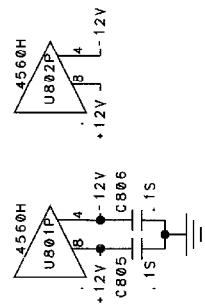
B

A

HEADPHONE



NOTICE: THIS CIRCUITRY IS PROTECTED BY U.S. PATENT NOS. 4,318,053 AND 4,992,751. FOREIGN #S 609656 64356 2,009,775 173,212 49567 0,386,933 P 690 11 550,4-08 (PATENTS PENDING) OWNED BY PEAVEY ELECTRONICS CORP. USE OR COPYING WITHOUT EXPRESS WRITTEN AUTHORITY FROM PEAVEY IS STRICTLY FORBIDDEN AND VIOLATORS WILL BE PROSECUTED TO THE FULLEST EXTENT ALLOWED UNDER U.S. PATENT LAWS.



| | | | |
|--------------------------|----------------------------|--------|----------|
| PEAVEY ELECTRONICS CORP. | | | |
| TITLE | CAKEWALK MIXER (FADER BRD) | REV | |
| SIZE | B | NUMBER | 81500233 |
| DATE | 8-JAN-99 | SHEET | 8 |

BOARD NAME CAKEWALK DIGITAL DAUGHTER

PART PART DESCRIPTION AND

** QTY. NAME VALUE NUMBER DEVICE DESIGNATIONS *****

10 .1S .1 70300035 .1MF Z5U 50V 20% SMT 1206

C102, C103, C104, C105, C106, C108,
C111, C112, C113, C115

1 100PFS 100PF 70300044 100PF COG 50V 5% SMT 1206

C107

3 10KS 10K 70200028 10K--1/8W--5%---SMT

R101, R102, R103

1 12MHZ 12MHZ 70800005 12 MHZ CRYSTAL

Y101

2 16DRHDR 16DRHDR 73717109 CONN 16-PIN 0.100 H

HDR101, HDR102

1 1KS 1K 70200019 1k----1/8w--5%---smt

R104

1 1N4148S 4148 70418026 1N4148 (LL34) DIODE SMT

CR101

1 2.2R50 2.2R50 70320180 2.2MF-----20%----50VDC---EL--T&A

C101

4 250SOWH 70901851 70901851 SPACER, 1/4,R(HW),.187 SWAGE AL

SO101, SO102, SO103, SO104

1 27C512 27C512 70402770 64KX8 CMOS EPROM (250NS)

U105

2 39PFS 39PF 70300012 39PF COG 50V 5% SMT 1206

C109, C110

1 470R6.3 470R6.3 70320183 470MF-----20%----6.3VDC--EL--T&A

C114

1 58258-20 58258-20 70418068 32K X8 STATIC RAM IC-SMT

U106

2 74HC138H 74HCT138 70418021 74HC138 (SO16) SMT

U103, U108

1 74HC245H 74HC245 70418023 74HC245 (SOL-20) SMT

U107

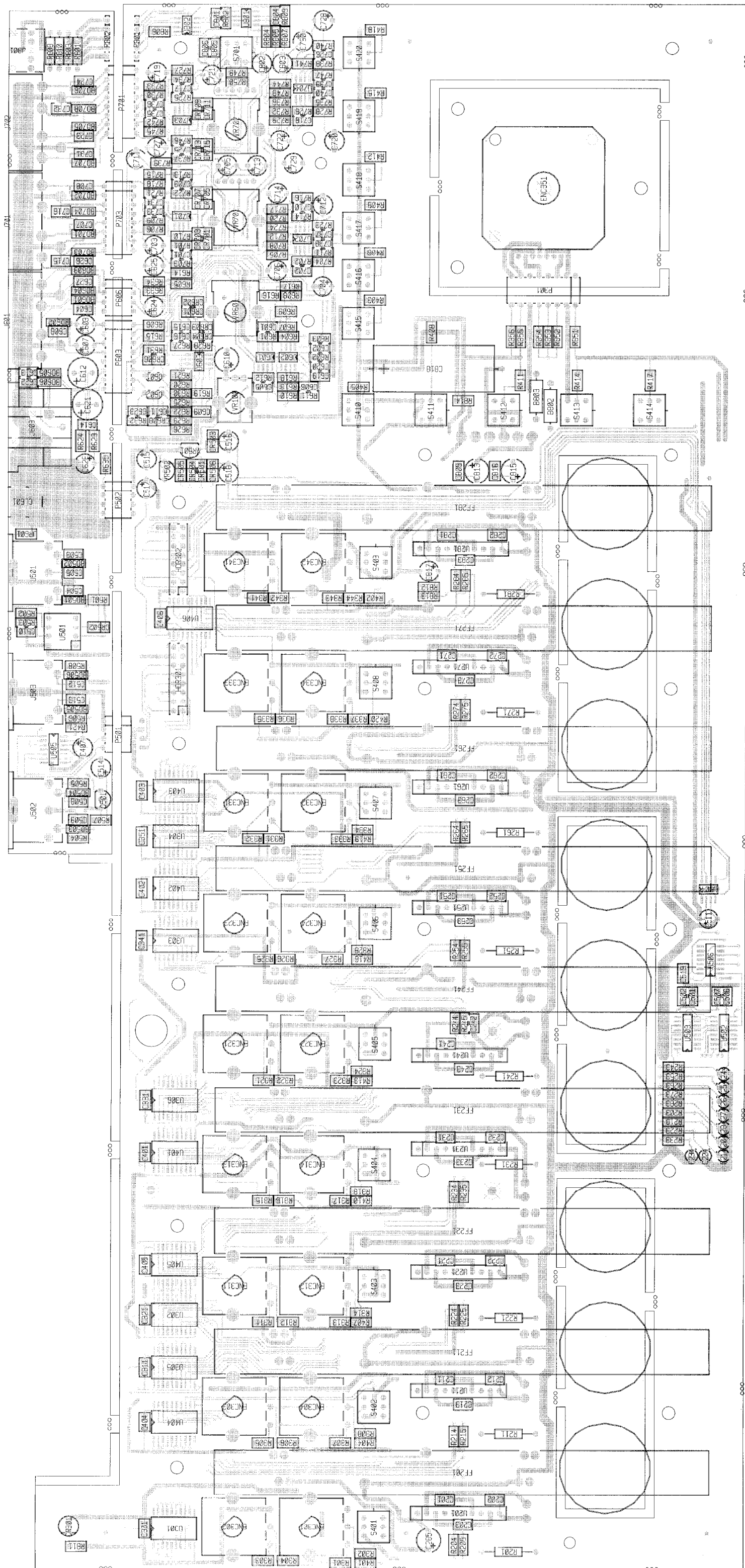
1 74HC573H 74HC573 70418041 74HC573 (SOL20) SMT

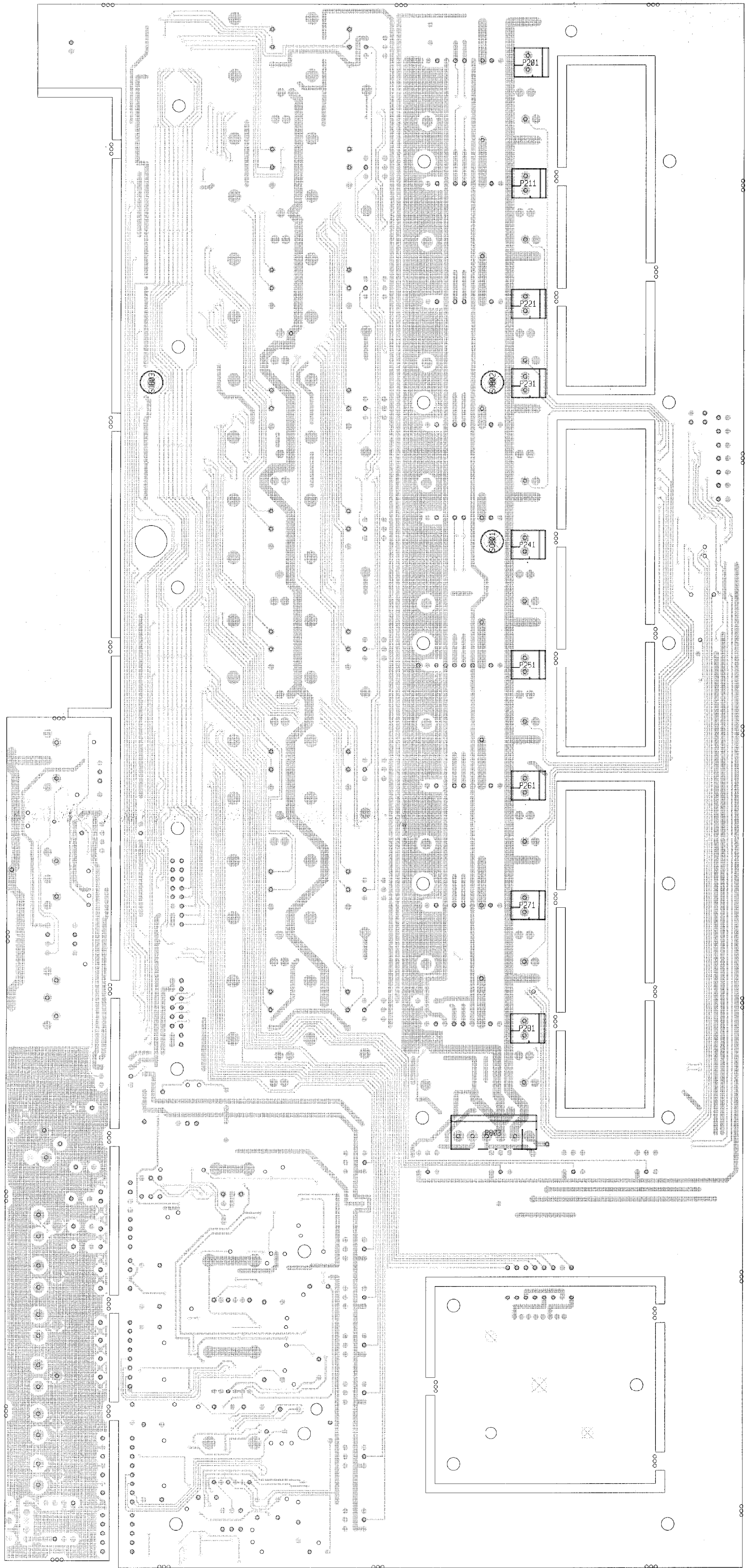
1 80C32-36 80C32-36 70400030 80C32 36MHZ MICROPROC.

1 GAL0171 70400171 70400171 GAL 16 V8 CAKEWALK I/O CNTLR

1 PCF8582 PCF8582 70402772 PCF8582AP 256X8 CMOS RAM







BOARD NAME: CAKEWALK MAIN
PART PART DESCRIPTION AND
** QTY. NAME VALUE NUMBER DEVICE DESIGNATIONS *****

21 .001S .001 70300036 .001MF X7R 50V 10% SMT 1206
C503, C504, C505, C508, C509, C512,
C513, C604, C608, C613, C622, C626,
C627, C707, C708, C715, C716, C723,
C724, C731, C732

61 .1S .1 70300035 .1MF Z5U 50V 20% SMT 1206
C201, C202, C203, C211, C212, C213,
C221, C222, C223, C231, C232, C233,
C241, C242, C243, C251, C252, C253,
C261, C262, C263, C271, C272, C273,
C281, C282, C283, C301, C311, C321,
C331, C341, C351, C401, C402, C403,
C404, C405, C406, C501, C502, C506,
C507, C510, C519, C615, C616, C619,
C620, C733, C734, C735, C736, C737,
C738, C739, C740, C805, C806, C809, C816

2 1.1KPTS 1.1K 70200069 1.1K--1/8W--1%---SMT 1206
R631, R632

1 1.5KS 1.5K 70200020 1.5K--1/8W--5%---smt
R811

1 1000A35 1000A35 70320038 1000 MFD 35VDC LYTIC CAP
C818

10 100KS 100K 70200034 100K---1/8W--5%---SM
R633, R634, R706, R708, R718, R720,
R730, R732, R742, R744

6 100PFS 100PF 70300044 100PF COG 50V 5% SMT 1206
C602, C606, C701, C709, C717, C725

17 100S 100 70200013 100---1/8w--5%---smt

R607, R608, R609, R616, R617, R618,
R709, R710, R711, R721, R722, R723,
R733, R734, R745, R746, R747

9 10FP 10FP 70240095 10FP--1/4W--5%---FP--T&R
R201, R211, R221, R231, R241, R251,
R261, R271, R281

4 10KPTS 10kp1 70200051 10k---1/8W--1%---SMT

R620, R627, R628, R629

19 10KS 10K 70200028 10K--1/8W--5%---SMT
R421, R503, R507, R602, R603, R604,
R610, R611, R613, R701, R703, R713,
R715, R725, R727, R737, R739, R804, R807

1 10R50L 10R50L 70320185 10MF-----20%-----50VDC---LL--T&A
C628

4 10S 10 70200011 10---1/8w--5%---smt

R805, R812, R813, R814

5 120S 120 70200048 120---1/8w--5%---SMT 1206

R712, R724, R735, R736, R748

4 150 150 70240001 150---1/4W--5%---CF--T&R
R801, R803, R808, R810

2 16DRHDR 16DRHDR 73717109 CONN 16-PIN 0.100 H
HDR301, HDR302

8 1KS 1K 70200019 1k----1/8w--5%---smt

R605, R614, R622, R635, R705, R717,

R729, R741

20 1N4148S 4148 70418026 1N4148 (LL34) DIODE SMT

CR501, CR502, CR503, CR504, CR505,
CR506, CR601, CR602, CR603, CR604,
CR606, CR608, CR701, CR703, CR705,
CR707, CR709, CR711, CR713, CR715

1 1R50 1R50 70320261 1MF 20% 50 VDC EL T&A
C511

1 2.2KS 2.2K 70200021 2.2K---1/8W--5%---smt

R502

1 2.2R50 2.2R50 70320180 2.2MF-----20%-----50VDC---EL--T&A

C514

9 2.2T25 2.2T25 70340087 2.2 MF,10%,25VDC,TANTALUM T&A
C204, C214, C224, C234, C244, C254,
C264, C274, C284

2 20KPTS 20kp1 70200059 20k--1/8W--1%---SMT

R621, R626

14 220S 220 70200016 220---1/8w--5%---smt

R203, R213, R223, R233, R243, R253,
R263, R273, R283, R501, R504, R505,
R506, R508

28 22R50 22R50 70320181 22MF-----20%-----50VDC---EL--T&A

C407, C515, C516, C517, C518, C603,
C607, C624, C625, C703, C704, C705,
C706, C711, C712, C713, C714, C719,
C720, C721, C722, C727, C728, C729,
C730, C802, C803, C817

3 250SOWD 70900785 70900785 SPACER, 1/4,R(#4),.187 SWAGE ALUM.

SO801, SO802, SO803

1 330PFSN 330PF 70300056 330PF NPO 100V 5% SMT 1206

C611

8 39PFS 39PF 70300012 39PF COG 50V 5% SMT 1206

C601, C605, C702, C710, C718, C726,
C801, C804

4 4.99KPTS 4.99kp1 70200049 4.99k--1/8W--1%---SMT

R619, R623, R624, R630

2 4051WPPH 4051 70418045 4051 (SO16) SMT

U502, U503

9 4560H 4560 70418053 4560 DL OP AMP SOIC-8

U601, U602, U603, U701, U702, U703,
U704, U801, U802

1 470PFS 470PF 70300047 470PF COG 50V 5% SMT 1206

C614

4 470R6.3 470R6.3 70320183 470MF-----20%-----6.3VDC-EL--T&A

C285, C610, C813, C815

88 47KS 47K 70200032 47K---1/8W--5%---SMT

R204, R205, R214, R215, R224, R225,
R234, R235, R244, R245, R254, R255,
R264, R265, R274, R275, R284, R285,
R301, R302, R303, R304, R305, R306,
R307, R308, R311, R312, R313, R314,
R315, R316, R317, R318, R321, R322,
R323, R324, R325, R326, R327, R328,
R331, R332, R333, R334, R335, R336,
R337, R338, R341, R342, R343, R344,
R351, R352, R353, R354, R355, R356,

R401, R402, R403, R404, R405, R406,
R407, R408, R409, R410, R411, R412,
R413, R414, R415, R416, R417, R418,
R419, R420, R601, R612, R702, R714,
R726, R738, R749, R750

2 47PFS 47PF 70300050 47PF COG 50V 5% SMT

C609, C623

1 47S 47 70200012 47----1/8w--5%---smt

R625

2 47V50 47V50 70320182 47MF-----20%-----50VDC---LL--T&A

C612, C621

3 4PRCJ 4PRCJ 70600024 4 CON. RIBBON CABLE .100 CTR 2.25" JUMPER

P501, P502, P606

2 5PRC3J 5PRC3J 70600037 5C PRE-TIN .100 3" JMPR

P801, P802

6 6.8KS 6.8K 70200026 6.8K--1/8W--5%---SMT

R605, R615, R704, R716, R728, R740

1 6530 6531 70466531 MPS-6531 TO92 NPN TRANS.

Q501

2 68KS 68K 70200033 68K--1/8W--5%---SMT

R802, R809

1 68S 68 70200053 68---1/8W--5%---SMT

R806

1 6N138 6N138 70400138 6N138 OPTOCOUPLER

U501

1 74HC04H 74HC04 70418012 74HC04 (SO14) SMT

U506

1 74HC14H 74HC14 70418058 74HC14 HEX. SCHMITT SOIC14

U505

9 74HC573H 74HC573 70418041 74HC573 (SOL20) SMT
U301, U302, U303, U304, U305, U306,
U401, U402, U403

3 74HC574H 74HC574 70418024 74HC574 (SOL-20) SMT

U404, U405, U406

2 786 786 70460786 2SD-786S NPN TRANS T&A

Q601, Q602

1 78L05 78L05 70467805 LM78L05, 5V, POS, 100MA TO92 T&A

VR501

1 79L05 79L05 70467905 MC79L05 -5V VR T&A

VR502

4 8PRCJ 8PRCJ 70600028 8C PRE-TIN .100 CTR 2.5" JUMPER

P301, P603, P701, P703

1 AD7896H AD7896 70418162 12-BIT SERIAL SAMPLING A/D

U504

9 BA6209N BA6209N 70406210 BA6209N, REV MOTOR DRIVER

U201, U211, U221, U231, U241, U251,
U261, U271, U281

20 BEAD4101 FB 70504101 BLM41A01-PT FERRITE CHIP

BD501, BD502, BD503, BD504, BD505,
BD506, BD601, BD602, BD603, BD604,
BD605, BD606, BD701, BD702, BD703,
BD704, BD705, BD706, BD707, BD708

1 CLIP1785 70901785 70901785 screw term, 6-32 - pcb mnt.

CL601

3 DIN5PC 71466140 71466140 CONN 5P/180 DEG. R/A PCMNT DIN

J501, J502, J503

18 ENC2391 71322391 71322391 2BIT ENCODER - W/DETENTS

ENC301, ENC302, ENC303, ENC304, ENC311,
ENC312, ENC313, ENC314, ENC321, ENC322,
ENC323, ENC324, ENC331, ENC332, ENC333,
ENC334, ENC341, ENC342

2 FEBEAD FEBEAD 70502122 FERRITE BEAD INDUCTOR

B802, B803

1 FRXLR382 71466382 71466382 CONNECTOR,FEMALE,XLR A-SER

J603

1 JOG2390 71322390 71322390 SWITCH JOG/SHUTTLE

ENC351

1 LEDR6 LEDR6 70450050 LED, T-1, RED, W/.500" SPCR - T&A

CR801

1 POT0260 71190260 71190260 10K(5C)-STD-9MM POT

VR100

3 POT0716 POT0716 71190716 50KBX2 DUAL 12MM ROT POT W/DTT

VR601, VR701, VR702

1 RASN6273 71466273 71466273 JACK, M/STR 1/8" PHONE - W/BSHG

J801

3 RCA6383 RCA6383 71466383 JACK BOARD QUAD RCA

J601, J701, J702

9 SPOT0164 71190164 71190164 10KB 60MM MTRZD STR FADER

FF201, FF211, FF221, FF231, FF241,
FF251, FF261, FF271, FF281

9 SPX2 SPX2 XXXXXXXX 2 EACH OF STAKE PINS

P201, P211, P221, P231, P241, P251,
P261, P271, P281

1 SPX6 SPX6 XXXXXXXX 6 EACH OF STAKE PINS

P803

1 SW2356 71322356 71322356 DPDT PUSH BUTTON SW 2.8MM SQ SHAFT

S701

20 SW2361 71322361 71322361 DPDT MOM PUSH BUTTON SW 2.8MM SQ SHAFT

S401, S402, S403, S404, S405, S406,
S407, S408, S409, S410, S411, S412,
S413, S414, S415, S416, S417, S418,
S419, S420
